

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested. Claims 7-23 are pending, Claims 1-6 having been canceled without prejudice or disclaimer, Claims 7-11 having been amended, Claims 13-17 having been withdrawn from consideration, and Claims 18-23 added by way of the present amendment. Support for Claims 18-23 is found in original Claims 1-6 and therefore no new matter is added.

In the outstanding Office Action, Claims 7-12 were rejected under 35 U.S.C. § 112, second paragraph; Claims 1 and 2 were rejected as being obvious over Chaudhri et al. (U.S. Patent Publication No. 2002/0116444, hereinafter Chaudhri) in view of Romrell (U.S. Patent Publication No. 2001/0002900). Although not expressly stated in paragraph five of the outstanding Office Action, it appears that Claims 4, 5, 7 and 8-12 are rejected on similar grounds. Claims 3 and 6 were objected to, but otherwise indicated as containing allowable subject matter. Applicants appreciatively acknowledge the identification of allowable subject matter.

Claim 7 has been amended consistent with 35 U.S.C. § 112, second paragraph.

Claims 1-6 have been canceled and new Claims 18-23 have been added. It is believed that Claims 18-23 more clearly define the invention, and therefore, Claims 1-6 have been canceled. Claim 18, for example is directed to a method of delivering information to a mobile terminal through a mobile communication network including a plurality of nodes. The method includes a step of identifying a first cache node and identifying a second cache node that caches the information in a second delivery channel established as the mobile terminal moves. The process also includes a step of sending delivery information from the first cache node to the second cache node where the delivery information indicates a portion of the information that has been delivered to the mobile terminal by the first cache node.

Finally, the method includes a step of delivering the remaining portion of the information from the second cache node in response to receipt of the delivery information.

The feature of Claim 3, namely identifying the second cache node in the second delivery channel when the mobile terminal moves into the second communication area, is now included in new Claim 18, in the step of “identifying a second cache node caching the information in a second delivery channel established as the main terminal moves”. It is believed that this feature is neither taught nor suggested in Chaudhri or Romrell, and therefore patentably defines over any combination of these two references. Because Claims 19-20 depend from amended Claim 18, it is respectfully submitted that these claims also patentably define over the asserted prior art.

New Claim 21 is directed to a mobile communication network, and among other things, includes two cache nodes, where the second one of the cache nodes delivers the remaining portion of the information in response to receipt of the delivery information from the first one of the cache nodes. Furthermore, the first cache node sends delivery information to a second one of the cache nodes in a second delivery channel established as the mobile terminal moves. It is respectfully submitted that neither Chaudhri nor Romrell teach or discuss these features. Therefore independent Claim 21 and dependent Claims 22-23 are believed to also patentably define over the asserted prior art.

Claim 7 is directed to an information storage method that among other things includes a feature of “wherein when a delivery channel through which the information is delivered to the mobile channel is switched to another as the mobile terminal moves from a communication area to another, communication nodes in the delivery channels store a portion of the information which been delivered through the communication nodes”. In contrast, Chaudhri merely describes a step of “determining a preferred CDN [Content Distribution Network] from two or more independent systems” (step A2 of Figure 1); redirecting viewer

access to a preferred CDN (step A3)” (Figure 1). Similarly deficient is Romrell, which describes in its Abstract, a system for transparent recovery from a communication disruption during transmission of a data stream from a source computer to a destination computer. However it is respectfully submitted that neither Chaudhri nor Romrell teach or suggest the features discussed above with regard to Claim 7. As these features are absent in Claim 7, it is respectfully submitted that Claims 8-12 also patentably define over the asserted prior art.


Consequently, in view of the present amendment and in light of the foregoing comments, it is respectfully submitted that the invention defined by Claims 7-12 and 18-23, as amended, is definite and patentably distinguishing over the prior art. The present application is therefore believed to be in condition for formal allowance and an early and favorable reconsideration of this application is therefore requested.

Respectfully submitted,

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